

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|----------------------|---------------------|
| 1 | 2254 | ((138/128) or (138/156) or (138/151) or (138/157) or (138/155) or (138/120)).CCLS. | USPAT; US-PGPUB | 2004/03/01 13:26 |
| 2 | 1910 | ((138/128) or (138/156) or (138/151) or (138/157) or (138/155)).CCLS. | USPAT; US-PGPUB | 2004/03/01 13:34 |
| 3 | 0 | (138/169).CCLS. | EPO; JPO; DERWENT | 2004/03/01 13:27 |
| 4 | 47345 | (metal or steel) and (tube or shaft or rod) and hollo\$3 and (seam or weld\$3) | USPAT; US-PGPUB | 2004/03/01 13:36 |
| 5 | 3410 | (metal or steel) and (tube or shaft or rod) and hollo\$3 and (seam or weld\$3).ab. | USPAT; US-PGPUB | 2004/03/01 13:36 |
| 6 | 978 | (metal or steel) and (tube or shaft or rod).ab. and hollo\$3 and (seam or weld\$3).ab. | USPAT; US-PGPUB | 2004/03/01 13:39 |
| 7 | 115 | (metal or steel) and (teeth near weld\$3) | USPAT; US-PGPUB | 2004/03/01 13:40 |
| 8 | 978 | ((metal or steel) and (tube or shaft or rod).ab. and hollo\$3 and (seam or weld\$3).ab.) and (tub\$3 or pip\$4 or shaft or rod) | USPAT; US-PGPUB | 2004/03/01 13:40 |
| 9 | 75 | ((metal or steel) and (teeth near weld\$3)) and (tub\$3 or pip\$4 or shaft or rod) | USPAT; US-PGPUB | 2004/03/01 13:42 |
| 11 | 13714 | (tub\$3 or pip\$4 or shaft or rod) and (metal or steel) and (seam or weld) and (offse\$3 or angl\$4) | USOCR | 2004/03/01 13:45 |
| 12 | 1414 | ((tub\$3 or pip\$4 or shaft or rod) and (metal or steel) and (seam or weld) and (offse\$3 or angl\$4)) and teeth | USOCR | 2004/03/01 13:45 |
| 13 | 1212 | ((tub\$3 or pip\$4 or shaft or rod) and (metal or steel) and (seam or weld) and (offse\$3 or angl\$4)) and (tub\$3 or pip\$4 or shaft or rod).ti. | USOCR | 2004/03/01 13:59 |
| 14 | 10619 | roll\$3 and (tub\$3 or pip\$4 or shaft or rod).ti. | USOCR | 2004/03/01 14:00 |
| 15 | 1211 | (roll\$3 and (tub\$3 or pip\$4 or shaft or rod).ti.) and (machin\$3 or cut) and (butt\$2 or seam) | USOCR | 2004/03/01 14:06 |
| 16 | 0 | (pipe or rod or shaft).ti. and (machin\$3 or cut) and (butt\$2 or seam) and logitudinal\$4 | EPO; JPO; DERWENT | 2004/03/01 14:07 |
| 17 | 4670 | (pipe or rod or shaft).ti. and seam | EPO; JPO; DERWENT | 2004/03/01 14:23 |
| 18 | 484 | ((pipe or rod or shaft).ti. and seam) and longitudin\$4 | EPO; JPO; DERWENT | 2004/03/01 14:08 |
| 19 | 855 | (pipe or rod or shaft).ti. and seam | USPAT; US-PGPUB | 2004/03/01 14:35 |
| 20 | 546 | ((pipe or rod or shaft).ti. and seam) and longitudin\$4 | USPAT; US-PGPUB | 2004/03/01 14:24 |
| 21 | 446 | (pipe or rod or shaft).ti. and seam | USOCR | 2004/03/01 14:35 |
| 22 | 317 | ((pipe or rod or shaft).ti. and seam) and longitudin\$4 | USOCR | 2004/03/01 14:42 |
| 23 | 0 | "4148426" | USOCR | 2004/03/01 14:42 |
| 24 | 4 | ((("1973680") or ("3001569") or ("3474522") or ("3945552")).PN. | USPAT; US-PGPUB | 2004/03/01 14:42 |
| - | 3550 | ((74/331) or (74/333) or (74/335) or (74/359) or (74/375) or (74/339)).CCLS. | USPAT | 2002/04/18 14:32 |
| - | 1272 | ((74/331) or (74/333) or (74/335) or (74/359) or (74/375) or (74/339)).CCLS.) and gear | USPAT | 2002/04/17 16:49 |
| - | 2251 | ((74/331) or (74/333) or (74/335) or (74/359) or (74/375) or (74/339)).CCLS. | USOCR | 2002/04/17 16:53 |
| - | 1080 | ((74/331) or (74/333) or (74/335) or (74/359) or (74/375) or (74/339)).CCLS.) and clutch | USPAT | 2002/04/17 16:55 |

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|---|------|--|---|---------------------|
| - | 1 | ("0367742").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/02/26 16:18 |
| - | 0 | (okada.in. and minowa.in.) and shaft | USPAT; US-PGPUB | 2004/02/26 16:24 |
| - | 25 | ((US-6370977-\$ or US-6251045-\$ or US-5979257-\$ or US-6422105-\$ or US-6367342-\$ or US-6354165-\$ or US-6332257-\$ or US-6319171-\$ or US-6286379-\$ or US-6257084-\$ or US-6257080-\$ or US-6241066-\$ or US-6196077-\$ or US-6164149-\$ or US-6073507-\$ or US-5974906-\$ or US-5944630-\$ or US-5730683-\$ or US-5718148-\$ or US-5651288-\$ or US-5640882-\$ or US-5544538-\$ or US-5006102-\$ or US-4913004-\$ or US-4827802-\$ or US-4665772-\$).did. or (US-20020073792-\$).did.) and shaft | USPAT; US-PGPUB | 2004/02/26 17:52 |
| - | 301 | tsubouchi.in. | USPAT; US-PGPUB | 2004/02/26 17:52 |
| - | 0 | tsubouchi.in. and hollow and rack | USPAT; US-PGPUB | 2004/02/26 17:52 |
| - | 12 | tsubouchi.in. and hollow and rack | USPAT; US-PGPUB | 2004/02/26 17:57 |
| - | 12 | (tsubouchi.in. and hollow and rack) and but\$6 | USPAT; US-PGPUB | 2004/02/26 18:00 |
| - | 2729 | hollow and shaft and seam | USPAT; US-PGPUB | 2004/02/26 18:00 |
| - | 386 | hollow and shaft.ab. and seam | USPAT; US-PGPUB | 2004/02/26 18:05 |
| - | 8 | (hollow and shaft.ab. and seam) and (seam near shaft) | USPAT; US-PGPUB | 2004/02/27 15:04 |
| - | 607 | pipe.ti. and seam | USPAT; US-PGPUB | 2004/02/27 15:50 |
| - | 1031 | (pipe.ti. or shaft.ti.) and (seam\$2 or but\$3).ab. | USPAT; US-PGPUB | 2004/02/27 15:51 |
| - | 869 | ((pipe.ti. or shaft.ti.) and (seam\$2 or but\$3).ab.) not (pipe.ti. and seam) | USPAT; US-PGPUB | 2004/03/01 11:05 |
| - | 1965 | ((74/422) or (74/498) or (74/499) or (29/893.32) or (29/893.3) or (29/893.34) or (29/893.35)).CCLS. | USPAT; US-PGPUB | 2004/03/01 11:06 |
| - | 648 | ((74/422) or (74/498) or (74/499) or (29/893.32) or (29/893.3) or (29/893.34) or (29/893.35)).CCLS.) and (pipe or shaft or hollow\$2) | USPAT; US-PGPUB | 2004/03/01 11:06 |
| - | 469 | ((74/422) or (74/498) or (74/499) or (29/893.32) or (29/893.3) or (29/893.34) or (29/893.35)).CCLS.) and (pipe or shaft or hollow\$2)) and (seam or but\$6) | USPAT; US-PGPUB | 2004/03/01 11:07 |
| - | 16 | ((74/422) or (74/498) or (74/499) or (29/893.32) or (29/893.3) or (29/893.34) or (29/893.35)).CCLS.) and (pipe or shaft or hollow\$2)) and (seam or butted) | USPAT; US-PGPUB | 2004/03/01 11:15 |
| - | 5800 | 285/\$.ccls. and pipe.ti. | USPAT; US-PGPUB | 2004/03/01 11:27 |
| - | 87 | (138/169).CCLS. | USPAT; US-PGPUB | 2004/03/01 13:26 |
| - | 438 | (138/157).CCLS. | USPAT; US-PGPUB | 2004/03/01 13:25 |